

## U.S. DEPARTMENT OF COMMERCE PATENT &amp; TRADEMARK OFFICE

B/O Form PTO-1390		<b>Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 USC 371</b>	Attorney's Docket Number
			WITT3006/FJD
			U.S. Application Number (if known)
			10/572,934
International Application Number	International Filing Date	Priority Date Claimed	
PCT/EP2004/010528	20 Sept. 2004	23 Sept. 2003	
Title of Invention			
Method for secure data transmission between an intrinsically safe sensor and a non-intrinsically safe evaluation unit			
Applicant(s) for DO/EO/US			
Detlev Wittmer			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items under 35 USC 371:			
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 USC 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 USC 371.</li> <li>3. <input type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input type="checkbox"/> The U.S. has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed 35 USC 371(c)(2). <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 USC 371(c)(2)).</li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 USC 371(c)(4)). (<input checked="" type="checkbox"/> Executed <input type="checkbox"/> Unexecuted)</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).</li> </ol> <p><b>Items 11 to 16 below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> Priority is claimed for German application no. 103 44 263.4 with a filing date of 23 Sept. 2003</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English translation of the international application under 35 U.S.C. 154(d)(4)</li> <li>20. <input checked="" type="checkbox"/> Other items or information: a copy of the Notification of Missing Requirements</li> </ol>			

Application Number (if Known) <b>10/572,934</b>		International Application Number <b>PCT/EP2004/010528</b>		Attorney's Docket Number <b>WITT3006/FJD</b>	
				<b>Calculations</b>	<b>PTO USE</b>
21. The following fees are submitted:					
<input type="checkbox"/> a) Basic national fee.....\$300.00 <input type="checkbox"/> b) Examination fee .....\$200.00					
<input type="checkbox"/> c) Search Fee: <input type="checkbox"/> If the written opinion of the ISA/US or the International preliminary examination report prepared by IEPA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....\$0.00 <input type="checkbox"/> Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100.00 <input type="checkbox"/> International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400.00 <input type="checkbox"/> All other situations.....\$500.00					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fractions thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fractions thereof (round up to a whole number)	RATE		
- 100 =	/50=		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00	
CLAIMS	NUMBER	NUMBER EXTRA	RATE		
Total Claims	6 -20 =		x \$50.00		
Independent Claims	3 -3 =		x \$200.00		
Multiple Dependent Claims (if applicable)			+ \$360.00		
<b>TOTAL OF ABOVE CALCULATIONS</b>					
<input type="checkbox"/> Reduction by 1/2 for filing by small entity, if applicable. Small Entity Status is asserted pursuant to 37 CFR 1.27 for this application.					
<b>SUBTOTAL</b>					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 130.00	
<b>TOTAL NATIONAL FEE</b>					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				\$ 40.00	
<b>TOTAL FEES ENCLOSED</b>				<b>\$ 300.00</b>	
01 FC:1617 130.00 OP 02 FC:1618 130.00 OP			Amount to be:	Refunded:	
				Charged:	

- a. ☒ A check in the amount of \$ 300 to cover the fees is enclosed.
- b. ☐ Please charge my **Deposit Account Number 02-0200** in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to **Deposit Account Number 02-0200**. A duplicate copy of this sheet is enclosed.

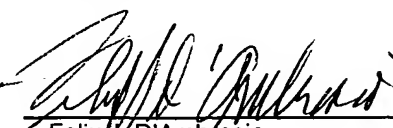
Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**23364**

Customer Number  
Phone: (703) 683-0500

DATE: Feb. 8, 2007

Respectfully submitted,

  
Felix U. D'Ambrosio  
Attorney for Applicant  
Registration Number: 25,721



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/572,934	Detlev Wittmer	WITT3006/FJD

23364  
 BACON & THOMAS, PLLC  
 625 SLATERS LANE  
 FOURTH FLOOR  
 ALEXANDRIA, VA 22314

Date 12/12/06 Atty FJD  
 Action Due Missing Rg'ts  
 Deadline 2/8/07  
 Final Deadline 2/8/07  
 Based on \_\_\_\_\_

INTERNATIONAL APPLICATION NO.	
PCT/EP04/10528	
I.A. FILING DATE	PRIORITY DATE
09/20/2004	09/23/2003

CONFIRMATION NO. 4994  
 371 FORMALITIES LETTER



\*OC000000021535813\*

Date Mailed: 12/08/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/22/2006
- Copy of the International Search Report filed on 03/22/2006
- Information Disclosure Statements filed on 03/22/2006
- Request for Immediate Examination filed on 03/22/2006
- U.S. Basic National Fees filed on 03/22/2006
- Priority Documents filed on 03/22/2006



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
  - The text in the drawings has not been properly translated.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$260** for a Large Entity:

- **\$130** Surcharge.
- **\$130** for English translation surcharge required.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

KAREN R MCLEAN

Telephone: (703) 308-9140 EXT 214

#### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/572,934	PCT/EP04/10528	WITT3006/FJD